

POLYURETHANE FOAM, MANUFACTURING PROCESS AND USE

FILED BY: SAINT-GOBAIN PERFORMANCE PLASTICS CHAINEUX

INVENTORS : Georges MOINEAU
Marc MERTENS
Dominique PETIT

ABSTRACT

The subject of the invention is a water-impermeable flexible polyurethane foam obtained by reacting a polyol component, which comprises at least one hydrophobic polyol, with a polyisocyanate component in the presence of a foaming agent, characterized in that it has a compression force of less than or equal to 12 kPa for 50% compression.

Advantageously it has a density not exceeding 150 kg/m^3 , preferably not exceeding 60 kg/m^3 .

The foam may be obtained by a cast-foam manufacturing process or by molding.

It can be used as a water-impermeable seal.